

WHAT IS CLAIMED IS:

- 5627 1. An electronic information device comprising:
a display which uses a material with a memory effect;
5 an electric power source which supplies driving power to the display; and
a controller which, in response to a command to turn off the electric power source which is issued while the display is performing writing by consuming electric power supplied from the electric power
10 source, turns off the electric power source after completion of the writing.
- 5627 2. The electronic information device according to claim 1, wherein information is written on the display based on image data.
- 15 3. The electronic information device according to claim 2, further comprising:
an image pick-up unit which picks up an image of an object by use of an image sensor and produces the image data.
- 20 4. The electronic information device according to claim 1, wherein information written on the display is a thumbnail picture which shows a plurality of thumbnail images side by side.
- 5627 5. An electronic information device comprising:
25 a display which uses a material with a memory effect;
an electric power source which supplies driving power to the

display; and

a controller which performs the following processes:

an automatic power-off process which turns off the electric power source automatically at a specified time; and

5 a delay process which when the display is performing writing by consuming electric power supplied from the electric power source, delays execution of the automatic power-off process so that the electric power source is turned off after completion of the writing.

10 6. The electronic information device according to claim 5, further comprising:

a timer which counts a specified time period from a specified operation of the electronic information device and determines the specified time to turn off the electric power source.

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Sub 27 7. The electronic information device according to claim 6, wherein the specified operation includes an operation of a key switch.

Sub 27 8. The electronic information device according to claim 5, wherein
20 information is written on the display based on image data.

Sub 27 9. The electronic information device according to claim 8, further comprising:

an image pick-up unit which picks up an image of an object by use
25 of an image sensor and produces the image data.

505a27 10. The electronic information device according to claim 5, wherein information written on the display is a thumbnail picture which shows a plurality of thumbnail images side by side.

5 11. An electronic information device comprising:
a display using a material with a memory effect;
a first input member with which an operator inputs a specified command; and

10 a controller which when the first input member is operated while writing on the display is being performed, invalidates the command sent from the first input member and when the first input member is operated after completion of the writing, controls the electronic information device in accordance with the command sent from the first input member.

15 12. The electronic information device according to claim 11, wherein the first input member is to input a command to shut off the supply of electric power to the display.

505a27 20 13. The electronic information device according to claim 11, further comprising:

a second input member with which an operator inputs a command which is different from the command inputted with the first input member;

25 wherein, the controller controls the electronic information device in accordance with the command sent from the second input member regardless of whether or not writing on the display is being performed.

Sub a27 14. The electronic information device according to claim 13, wherein the second input member is a shutter button.

Sub a27 15. A method of controlling an electronic information device, said
5 method comprising the steps of:

writing information on a display which uses a material with a memory effect by supplying electric power to the display from an electric power source;

commanding a power-off of the electric power source; and

10 when a power-off of the electric power source is commanded while the display is performing writing by consuming electric power supplied from the electric power source, executing the power-off command after completion of the writing.

15 16. The control method according to claim 15, wherein information is written on the display based on image data.

Sub a27 17. The control method according to claim 16, further comprising the step of:

20 picking up an image of an object by use of an image sensor and producing the image data.

Sub a27 18. The control method according to claim 15, wherein information written on the display is a thumbnail picture which shows thumbnail
25 images side by side.

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19. A method of controlling an electronic information device, said method comprising:

5 a write step of writing information on a display which uses a material with a memory effect by supplying electric power to the display from an electric power source;

an automatic power-off step of turning off the electric power source at a specified time automatically; and

10 a delay step of, when writing on the display is being performed, delaying execution of the power-off step so that the electric power source is turned off after completion of the writing.

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20. The control method according to claim 19, wherein the specified time to turn off the electric power source is determined by a timer which counts a specified time period from a specified operation of the electronic
15 information device.

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21. The control method according to claim 20, wherein the specified operation includes an operation of a key switch.

20 22. The control method according to claim 21, wherein information is written on the display based on image data.

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23. The control method according to claim 22, further comprising:
an image pick-up step of picking up an image of an object by use of
25 an image sensor and producing the image data.

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24. A method of controlling an electronic information device, said method comprising the steps of:

writing information on a display which uses a material with a memory effect by supplying electric power to the display from an electric power source;

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issuing a specified command by operating a first input member;

and

when the first input member is operated while writing on the display is being performed, invalidating the command sent from the first input member, and when the first input member is operated after completion of the writing, controlling the electronic information device in accordance with the command sent from the first input member.

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25. The control method according to claim 24, wherein the first input member is to issue a command to shut off the supply of electric power to the display.

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26. The control method according to claim 26, further comprising the steps of:

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issuing another command by operating a second input member;

and

controlling the electronic information device in accordance with the command sent from the second input member regardless of whether or not writing on the display is being performed.

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27. The control method according to claim 26, wherein the second

~~input member is a shutter button.~~

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